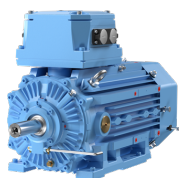

PRODUCT-DETAILS

3GKP182420-ADK

Flameproof IE3 Premium Efficiency LV Motors, 22 kW, 400 V (3GKP182420-ADK)



General Information

Product ID	3GKP182420-ADK
ABB Type Designation	M3KP 180MLB 4
Catalog Description	Flameproof IE3 Premium Efficiency LV Motors, 22 kW, 400 V (3GKP182420-ADK)

Additional Information

ABB Type Designation	M3KP 180MLB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310/C3
Bearing NDE	6310/C3
Connection Configuration	D
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	T4	50 Hz	690 V	22.00 kW	1480 r/min	24.10 A	0.820	93.00 %	141.00 N-m	8.20
D	T4	50 Hz	400 V	22.00 kW	1480 r/min	41.50 A	0.820	93.00 %	141.00 N-m	8.20
Y	T4	50 Hz	660 V	22.00 kW	1477 r/min	24.60 A	0.840	93.00 %	141.00 N-m	7.50
D	T4	50 Hz	380 V	22.00 kW	1477 r/min	42.70 A	0.840	93.00 %	141.00 N-m	7.50
D	T4	50 Hz	415 V	22.00 kW	1482 r/min	40.90 A	0.800	93.00 %	141.00 N-m	8.60
D	T4	60 Hz	460 V	22.00 kW	1783 r/min	35.80 A	0.820	93.80 %	117.00 N-m	9.30

EX-Protection	Exdbeb
Frame Material	Cast Iron
Frame Size	180
Frequency (f)	50 Hz
Gas Group	IIB
Gross Weight	300 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 93.0 % Partial Load (75%) 93.3 % Partial Load (50%) 92.7 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 93.8 % Partial Load (75%) 94.2 % Partial Load (50%) 93.7 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M3KP 180MLB 4
IP Class	IP55
Made To Order	No
Medium Description	22kW, 4 Poles, Frame Size 180, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP182420-ADK)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	22 kW
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	826 mm
Product Net Height	537 mm
Product Net Weight	290 kg
Product Net Width	349 mm
Product Type	3KP3__M3KP_IE3_Flameproof_Exde_motor
Quote Only	No
Selling Unit of Measure	piece
Short Description	22kW, 4P, Frame Size 180, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Standards	IEC 60034-1
Temperature Class Default	T4
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

